

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|--------------------|------------------|---------|---------------------|
| S1    | 1     | 10/822374  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/20<br>11:26 |
| S2    | 2     | "20020012185"<br>"20020154434"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/20<br>11:36 |
| S3    | 11576 | (369/59.21-59.24<br>369/47.5-47.53<br>369/47.17-47.18<br>360/39 360/46 360/67<br>375/316 375/325<br>375/340-341).ccls. | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:24 |
| S4    | 1726  | S3 and (equaliz\$6 un<br>\$1equaliz\$3) with<br>(decod\$5 viterbi)   | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:25 |
| S5    | 2     | S3 and un\$1equaliz\$3<br>with (decod\$5 viterbi)  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:25 |
| S6    | 11    | S3 and un\$1equaliz\$3<br>same (decod\$5 viterbi)  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:25 |
| S7    | 19    | S3 and (un\$1equaliz\$3<br>un\$1filter\$4) same<br>(decod\$5 viterbi)  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:29 |
| S8    | 1448  | S3 and (equaliz\$6 un<br>\$1equaliz\$3 filter\$6 un<br>\$1filter\$4) near3<br>(decod\$5 viterbi)                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:32 |
| S9    | 782   | S3 and (equaliz\$6 un<br>\$1equaliz\$3 filter\$6 un<br>\$1filter\$4) near3<br>viterbi                                  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:35 |
| S10   | 7     | (un\$1equaliz\$3 un<br>\$1filter\$4) with viterbi  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:36 |
| S11   | 19    | (un\$1equaliz\$3 un<br>\$1filter\$4) same viterbi  | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/07/22<br>16:36 |

|     |     |   |                 |    |     |                  |
|-----|-----|---|-----------------|----|-----|------------------|
| S12 | 120 | S3 and viterbi with compar\$5 with (equaliz\$6 un\$1equaliz\$3 filter\$6 un\$1filter\$4)  | US-PGPUB; USPAT | OR | OFF | 2009/07/22 16:46 |
| S13 | 153 | S3 and viterbi with (compar\$5 contrast\$5 correlat\$5 distinguish\$5) with (equaliz\$6 un\$1equaliz\$3 filter\$6 un\$1filter\$4)                                 | US-PGPUB; USPAT | OR | OFF | 2009/07/22 16:49 |
| S14 | 3   | S3 and target\$1 same (equaliz\$6 filter\$6) near coefficient\$1 same (fir finite adj impulse finite\$1impulse\$1) same (viterbi channel) near decod\$5           | US-PGPUB; USPAT | OR | OFF | 2009/07/22 17:24 |
| S15 | 51  | S3 and viterbi near decod\$5 with (compar\$5 contrast\$5 correlat\$5 distinguish\$5) with (equaliz\$6 un\$1equaliz\$3 filter\$6 un\$1filter\$4)                   | US-PGPUB; USPAT | OR | OFF | 2009/07/22 17:34 |
| S16 | 1   | 11/592394   | US-PGPUB; USPAT | OR | OFF | 2009/07/24 16:18 |
| S17 | 519 | (Ohkubo near Shuichi Honma near Hiromi Ogawa near Masatsugu Nakano near Masaki Iwanaga near Toshiaki Kashiara near Yutaka Nagai near Yuji Ogawa near Akihito).in. | US-PGPUB; USPAT | OR | OFF | 2009/07/29 11:20 |
| S18 | 1   | S17 and unequaliz\$6  | US-PGPUB; USPAT | OR | OFF | 2009/07/29 11:21 |
| S19 | 182 | S17 and equaliz\$6  | US-PGPUB; USPAT | OR | OFF | 2009/07/29 11:21 |
| S20 | 167 | S19 and (pr ml prml partial\$2 adj respons\$5 maxim\$7 adj likelihood\$1)   | US-PGPUB; USPAT | OR | OFF | 2009/07/29 11:22 |

**EAST Search History (I nterference)**

| Ref # | Hits | Search Query   | DBs               | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------------|------------------|---------|------------------|
| S21   | 1    | (un\$1equaliz\$3<br>same (decod\$5<br>viterbi)).clm. | US-PGPUB;<br>UPAD | OR               | OFF     | 2009/07/29 11:30 |
| S22   | 4    | (un\$1equaliz\$<br>and (decod\$5<br>viterbi)).clm.   | US-PGPUB;<br>UPAD | OR               | OFF     | 2009/07/29 11:30 |

**7/ 29/ 2009 11:31:40 AM**

**C:\ Documents and Settings\ ndanielsen\ My Documents\ EAST\ Workspaces\ 10-822374  
f.wsp**